

Ocean Guardian School Funded Projects

September 2016 - June 2017

School	Project Description	Awarded Funds
Adams Elementary School (Santa Barbara County, CA)	<p>A second Ocean Guardian School grant will enable students to continue working to reduce single-use plastics on their school campus while also improving the school-wide recycling program. Students will conduct waste audits at the end of lunches to determine the most frequently used single use plastic items and in turn, will work to implement solutions to decrease those types of items. With a new compost bin installed in the school's garden, students will learn how to compost as well how composting protects the local watershed and ocean. To further their education on waste management, students will have the opportunity to visit Tajiguas Landfill to see how waste is processed and have the chance to share their experiences with their families and the entire school.</p> <p>*Adams Elementary School received additional \$500 (for a total of \$4,500) of funding for including plans to reduce single-use plastic in two areas at school in addition to the school cafeteria.</p>	*\$4,500
All Saints' Day School (Monterey County, CA)	<p>As part of their fifth year in the Ocean Guardian School program and their third year in the Energy Use & Ocean Health pathway, sixth grade students at All Saints' Day School will expand their long-term goals of: reducing energy use at school, educating the community about the correlation between climate change and ocean health, and empowering their fellow students to actively reframe and imagine how solar energy might transform daily life at school and at home. The sixth grade class will also design, build and implement another permanent, solar powered feature in the school garden. In addition, they will develop hands-on, grade appropriate STEM/STEAM lessons for their third grade buddies.</p>	\$3,986
Amelia Earhart Elementary School (Alameda County, CA)	<p>A Year 1, school-wide project focuses on: the reduction of single use plastic items at school and at home, improvement of the school's recycling program and creation of a compost area in the school garden. Using an "ecology buddy" mentor role model, older students will teach and help to empower younger students as they work together to create change on their campus and in their community.</p>	\$4,000
Bullis Charter School (Santa Clara County, CA)	<p>This Year 3 project continues with the students' efforts to reduce human impact on their local watershed, the San Francisco Bay and the leatherback sea turtles. Fourth and fifth graders will organize a Turtle Camp for the kindergarteners. All campers will enjoy student presentations, student-designed coloring books along with reusable bags and water bottles. Sixth grade students will also implement school-wide activities such as ongoing school clean-up days, educational assemblies, and other marine debris reduction activities. The school will participate in Earth Day community clean-up and activities as part of their on-going efforts to keeping trash out of the oceans.</p>	\$3,999

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Calabasas Elementary School (Santa Cruz County, CA)	The Green Team will lead the school's Year 1 project to reduce waste throughout the campus with a focus on cafeteria waste. Students will receive reusable bamboo sporks that will replace the single use plastic spork packs. Activities will also include improvement of the school's recycling and composting systems as well as parent outreach/education events throughout the year.	\$3,998.80
Carmelo Child Development Center (Monterey County, CA)	The main goal of this year's grant is to decrease school-wide waste by 30% by implementing related 5R activities throughout the year. Project activities include periodic waste audits, vermicomposting along with a specifically designed parent outreach program.	\$2,000
Cascade Canyon School (Marin County, CA)	An ocean friendly native habitat garden is the main focus of this Year 1 grant project. The habitat will include a focus on native wildlife as well as implementation of a rain catchment system for irrigation and a school-wide composting program.	\$4,000
Dixie School (Marin County, CA)	Dixie School will use their Year 1 grant to continue the restoration and development of their Creekside classroom. Students will participate in removing invasive blackberries, planting natives, installing a willow wall to help reduce erosion, implementing rain barrels and starting a native plant nursery.	\$3,685
Gault Elementary School (Santa Cruz County, CA)	This Year 3 grant supports the schools' on-going restoration project. K-5 students will learn about coastal ecology by participating in native plant propagation, invasive plant removal, and ecological restoration. Students work with the Gault Seabright Restoration Program (GSCR) to learn about indicators of healthy ecosystems, and work to restore degraded portions of the Santa Cruz County coastline. Research is a key component of this project as students are able to use hands-on activities and the scientific method to collect and interpret data to evaluate the efficacy of their restoration efforts.	\$4,000
Happy Valley Elementary School (Santa Cruz County, CA)	The main goal of this Year 1 project is to reduce waste on campus that goes to the landfill. Two "waste stations" will be created during lunch where fourth and fifth grade students will monitor the sorting of the lunchtime waste into bins for compost, worm bin, farm animal scraps, recycling and landfill. Monthly waste audits will be conducted to measure progress. Through presentations, these students will also help to formally educate the rest of their school community about what it means to protect their local watershed.	\$1,709.81
Hollister Elementary School (Santa Barbara County, CA)	This school-wide, 5R project focuses on waste reduction with an emphasis on single use plastic water bottles. A hydration station will be installed on campus and all students will receive reusable water bottles. While learning about their local watershed and the Channel Islands National Marine Sanctuary, students will also learn how they can make changes on a daily basis at home and school to reduce their impact on their marine environments. The 6 th grade students will coordinate periodic audits to measure change of single use plastic bottle use.	\$3,584

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J.C. Parks Elementary School (Charles County, MD)	With a Year 2 grant, fourth and fifth grade students will step up their challenge to significantly reduce the amount of solid waste from school and its watershed. Activities include: efforts to control erosion control in the watershed, litter collection and audits, creation of a solar powered water fountain with reusable materials, improved school-wide recycling program, and weighing and collection of daily compost.	\$4,000
Joaquin Miller Elementary School (Alameda County, CA)	A fifth round of funding will continue to support the school's Ocean Guardian restoration project coordinated by Friends of Sausal Creek. Students will be responsible for clearing nonnative, invasive plants and propagating, planting and maintaining the newly added native plants. Students will also be immersed in various educational opportunities, including learning about the plant cycle and plant identification. Students will also get the chance to weed and monitor plants in Beaconsfield Canyon and Marj Saunders Park.	\$1,000
La Cumbre Junior High School (Santa Barbara County, CA)	20, seventh grade students will work with Explore Ecology to analyze litter they collect at a local beach. They will use this data to design and build a permanent education display to be installed at the local beach to help raise public awareness about marine debris. Students will report out to community news resources about their findings. Students will also participate in a surfing class before they take time to collect litter!	\$4,000
Lincoln Middle School (Alameda County, CA)	The school's focus for their Year 3 grant continues with the educational activities related to restoration stewardship of their local watershed. East Bay Park and CA State Park Rangers are active community partners in this project. The 90 participating students will be responsible for educating the other 810 students in their school along with their families and extended community members. In addition, the students will work to meet project goals to: remove 150 square feet of non-native invasive plant species, install 100 native plants, and clean up 200 pounds of litter along the Greater Farallones National Marine Sanctuary and the San Leandro Watershed.	\$4,000
Los Arboles Middle School (Monterey County, CA)	This Year 4 grant will support the school's growing garden and raised beds throughout the campus. This year will pay special attention to community outreach and ways to eat "local" both at school and beyond. By growing edible items throughout the school, and purchasing foods locally, Los Arboles Middle School continues to make strides towards reducing their carbon footprint. Students will also work with the greater community to encourage recycling programs and other efforts to reduce litter.	\$0
Mary Chapa Academy (Monterey County, CA)	A Year 1 project will focus on the connection between the 5Rs and the school's garden. Recycling and composting programs will be implemented along with a water catchment system for the garden. Regular waste audits will be conducted for compost, recycling and landfill items. Students will also spend time studying the areas on campus that are prone to flooding and designing solutions to this problem.	\$4,000

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<p>Monterey Bay Charter School (Monterey County, CA)</p>	<p>In their second year with the Ocean Guardian School Program, Monterey Bay Charter School will continue to reinforce their connections to the local watershed and the Monterey Bay National Marine Sanctuary through their ocean friendly gardening activities and the expansion of their native plant garden. Kindergarteners and their families will be introduced to the importance of native plants, protection of the local watershed, conserving water, reducing waste, and the significance of buying local, organic produce.</p>	<p style="text-align: center;">\$4,000</p>
<p>North Point High School (Charles County, MD)</p>	<p>A Year 3 grant will support the continuation of North Point High School's efforts to educate their students, staff, and community about being Geo-literate and environmentally conscious as it relates to their local Chesapeake Bay Watershed. During the year, students will also reach out to other local middle and elementary schools to share the importance of watershed and ocean conservation. Students will continue to plant trees and native perennials that help increase native wildlife habitat while also increasing shade, reducing runoff, and improving water quality. Students will apply the scientific method while measuring, analyzing, and comparing the amount of green canopy added to what existed before their landscaping project, along with calculating the amount of projected carbon their projects have removed from the atmosphere.</p>	<p style="text-align: center;">\$3,990.50</p>
<p>Pacific Collegiate School (Santa Cruz County, CA)</p>	<p>The goal of this Year 1 project is to restore the habitat in adjacent Moore Creek watershed which lies above the Monterey Bay National Marine Sanctuary. Students will remove non-native species and plant native plants in the riparian area. Students will also create signs to be installed in the watershed to help educate the community about the importance of native species to the health of the watershed. In addition, guest speakers will teach about the local birds and help the students track the different species in the area.</p>	<p style="text-align: center;">\$3,595</p>
<p>Pacific Grove Middle School (Monterey County, CA)</p>	<p>This fourth year grant supports a native plant demonstration school garden. The raised beds will be designed, planted and maintained by the student garden club and the 6th grade science classes. Students will also create interpretative signs and plant labels and will host community events when they will educate their family and friends about how native plants help to protect the health of our watershed and ocean.</p>	<p style="text-align: center;">\$4,000</p>
<p>Parkview Elementary School (Ventura County, CA)</p>	<p>742 students and 30 teachers will continue their Ocean Guardian 5R pathway project by reducing the use of single-use plastic water bottles, using re-suable plastic trays instead of Styrofoam disposable ones during lunch and stepping up recycling in each classroom. Fourth grade ambassadors will lead the project activities that include: regular auditing of recycling bins, monthly updates at school gatherings, and presenting to the Hueneme School Board.</p>	<p style="text-align: center;">\$2,496.94</p>

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Prunedale Elementary School (Monterey County, CA)	A Year 1 grant will help to educate the school community about marine debris with a focus on reducing single use plastic bottles and bags. Students will receive re-usable bottles to support their efforts. A new "Just say no to Plastics" club will be created to lead some of the project activities including an improved recycling program, school-wide announcements, regular campus clean-ups and audits. Students will be selected from the club to participate in the school's second year at the Monterey Bay Aquarium's Plastic Pollution Summit.	\$4,000
Salesian Elementary and Junior High School (Santa Cruz County, CA)	School habitat/garden projects will be the focus of this first year grant. Students will participate in the expansion of the organic vegetable garden, rainwater catchment system, and native planting on an adjacent hillside for erosion control. Students will harvest produce for the local soup kitchens as well as for the school's salad bar. Students will also sell plants at the local farmers' market and present their project updates to the PTA and during morning announcements.	\$4,000
St. Francis High School (Santa Cruz County, CA)	A Year 3 grant will help to further the students' efforts to reduce single use plastic on their school campus and raise awareness about the school's connection to their local watershed and nearby national marine sanctuary. Another hydration station will be installed and students will continue to participate in beach clean-ups as well as wetland restoration projects. In hopes of expanding the school's commitment to ocean stewardship, students will present a solar panel proposal to school officials.	\$4,000
St. John School (San Francisco County, CA)	Students will use their Year 3 grant to continue reducing waste on campus. This year's efforts will include replacing the disposable plates, cups, bowls, and utensils in the school cafeteria and teachers' lounge with reusable items. Students will continue to learn about the issues of marine debris and share this information with their families and community members. In April, students will have the opportunity to visit the ocean and the nearby Monterey Bay Aquarium. *St. John School received additional \$500 (for a total of \$4,500) of funding for including plans to reduce single-use plastic in two areas at school in addition to the school cafeteria.	*\$4,500
Vallemar Elementary School (San Mateo County, CA)	A school-wide project focuses on the 5Rs with special attention to the reduction of single-use plastics. Two hydration stations will be installed on campus and reusable water bottles will be made available at cost to all students. Students "family" groups will participate in an educational poster competition. The selected poster will be printed and posted around school. Students will also write related articles for the local paper.	\$3,180
Washington Middle School (Monterey County, CA)	Over 1200 students will be participating in Washington Middle School's Year 2 school garden project. Students will work to grow their own vegetables while employing ocean friendly garden practices. During the school's Native Plant Sale and Harvest Event, students will have the opportunity to educate community members on the importance of replacing non-native plants with native plants and how organic gardening practices help to protect the local watershed and ocean.	\$4,000

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<p>Watsonville Charter School of the Arts (Santa Cruz County, CA)</p>	<p>A Year 1 project aims to support efforts to reduce single use plastic at school and at home. Participating families will identify the top three single-use plastic items at home and identify ways to reduce their usage. In addition, students will work to advocate for district-wide elimination of spork packets in all school cafeterias. The 1st, 4th and 5th grade students will lead school-wide educational presentations about the related issues including a PSA about sporks that will be distributed to wider audiences.</p>	<p>\$3,704.50</p>
<p>Will C. Wood Middle School (Alameda County, CA)</p>	<p>Sixth grade environmental elective students will work to educate their school and neighboring community about the impact of cigarette butt littering on the SF Bay watershed and Greater Farallones National Marine Sanctuary. They will begin the year with an audit of butts along the shoreline and use the data to develop a public awareness campaign about this marine debris issue. Students will create PSAs for public buses, park buildings and movie theaters. They will also advocate for effective cigarette disposal containers in the city bus shelters.</p>	<p>\$3,984.60</p>
<p>William G. Paden Elementary School (Alameda County, CA)</p>	<p>Third grade students will help to strengthen the school's current Go Green focus by leading school-wide efforts to reduce land-based litter on campus and in the community. Students will learn how to reduce food waste with the goal of working towards zero waste at lunch and during class parties. Third graders will also coordinate waste audits on campus and in nearby neighborhood apartment complexes and report their findings during morning assemblies and in parent newsletters. At the end of the year, these students will represent their school at a weekend community festival celebrating their environmental efforts.</p>	<p>\$3,982</p>
<p>Blue Heron School (Port Townsend County, WA)</p>	<p>The goal of this second year program is for students to understand how they can make a positive impact on salmon habitat through watershed restoration. Seventh and eighth grade students will restore riparian habitat along a creek to help mitigate human impacts on the watershed, and then monitor sites for water quality and macro invertebrates as part of a long term study.</p>	<p>\$4,000</p>
<p>Crescent School (Clallam County, WA)</p>	<p>The goal of this schoolwide project is to get students involved in growing food for personal and community use, while promoting ocean conservation. Students will improve and maintain the garden area that was started in August 2015.</p>	<p>\$4,000</p>
<p>Robert Gray Elementary School (Grays Harbor County, WA)</p>	<p>This project, in its second year, has three main goals: to increase students understanding about the importance of clean water for humans, animals and our environment; to have students participate in a beach cleanup to realize the negative impacts of plastics and other non-biodegradable materials on our ocean and wildlife; and to have students research and implement a "no idle zone" on school property to educate drivers about the importance of reducing carbon emissions for clean air and a healthy ocean.</p>	<p>\$3,949</p>

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Siuslaw Middle School (Lane County, OR)	The goal of this project is to increase education about the water quality of Siuslaw River watershed using robots capable of conducting water quality sampling and to then share student findings with the community. These activities for middle school students will complement an existing afterschool MATE ROV (Marine Advanced Technology Education Remotely Operated Vehicle) program offered to students in grades fifth through twelfth.	\$3,976
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